

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 4535 - L2 Version 002
Chandra X-Ray Center

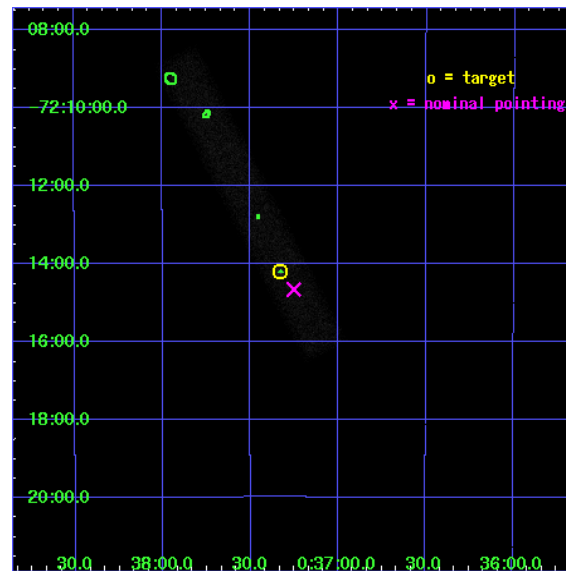
L2 Processing Date: Feb 19 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

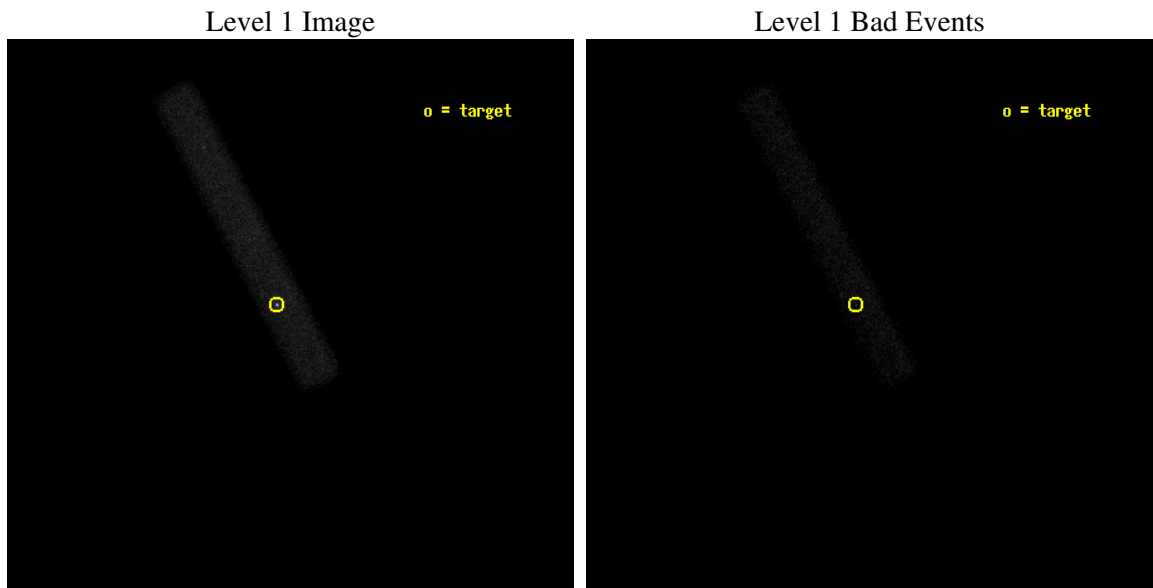
seq_num	300129
obs_id	4535
title	Understanding the nature of supersoft X-ray sources
observer	Dr. Jochen Greiner
object	1E 0035.4-7230
dtcycle	0
cycle	P
ra_targ	9.3325
dec_targ	-72.236944
ra_nom	9.3131683354407
dec_nom	-72.244575607891
roll_nom	242.43863168641
revision	2
ontime	40135.600598067
livetime	36400.871211742
ontime7	40135.600598067
l2events	29223



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-19T20:52:12
revision	2

sched_exp_time	40000.000000
ontime	41283.942247063
ontime7	41283.942247063
l1events	62077

2.1.4 Events

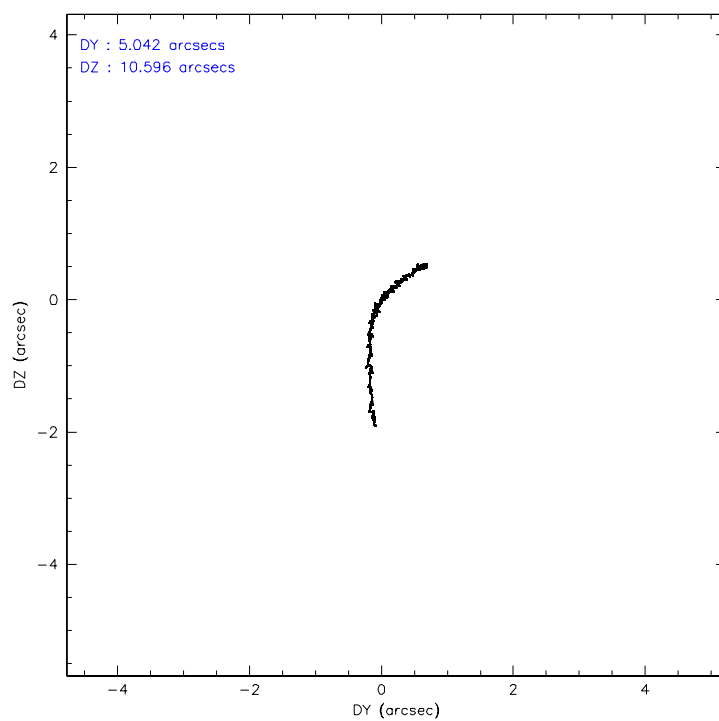
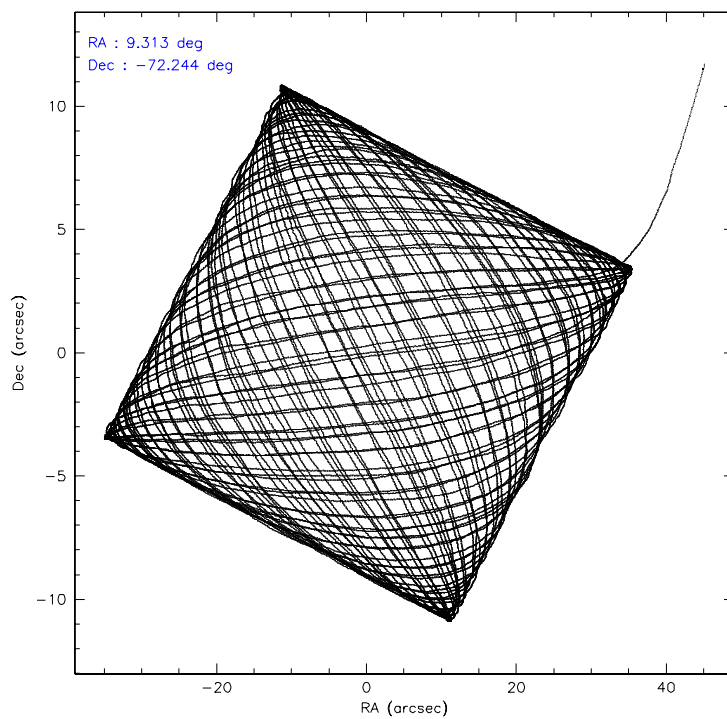
	ccd 7
level 1 events	62077
rejected events	31932
rejected %	51%

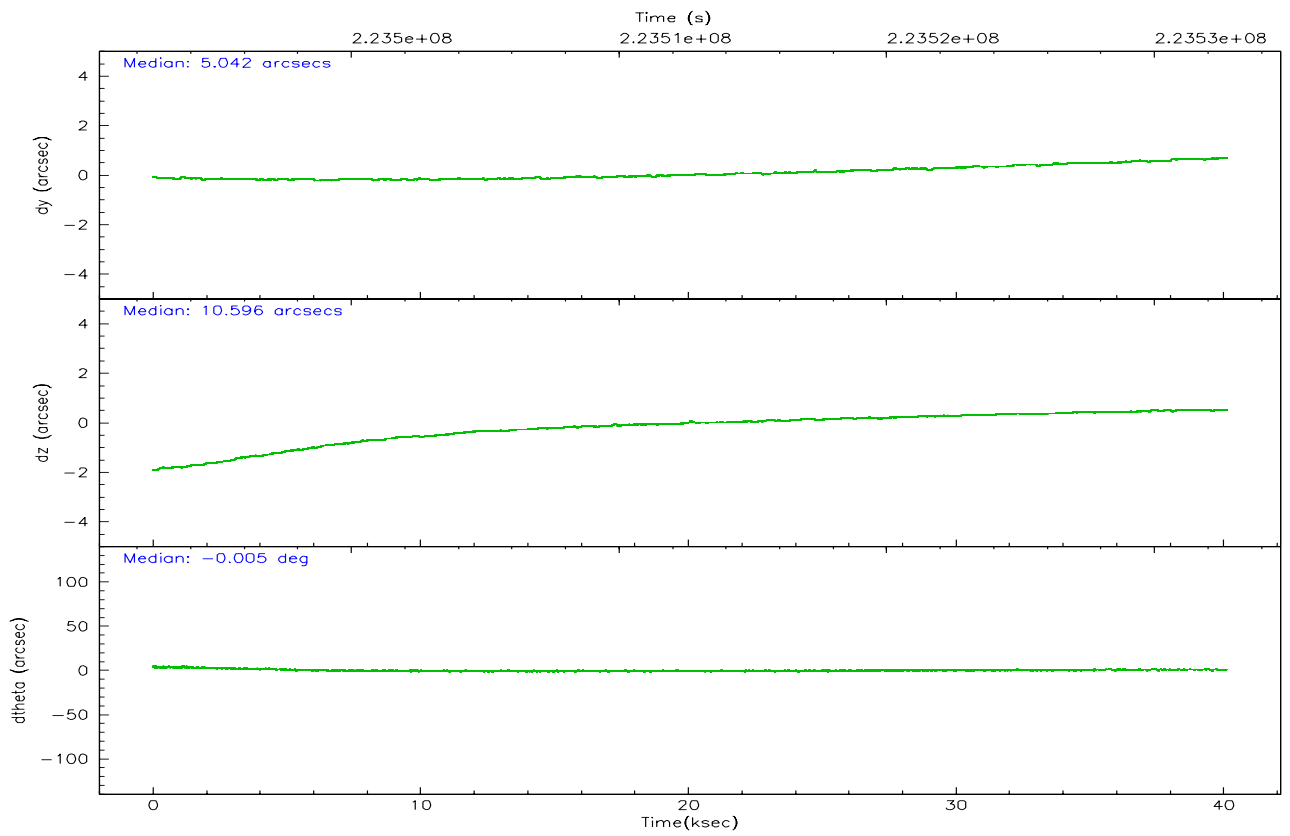
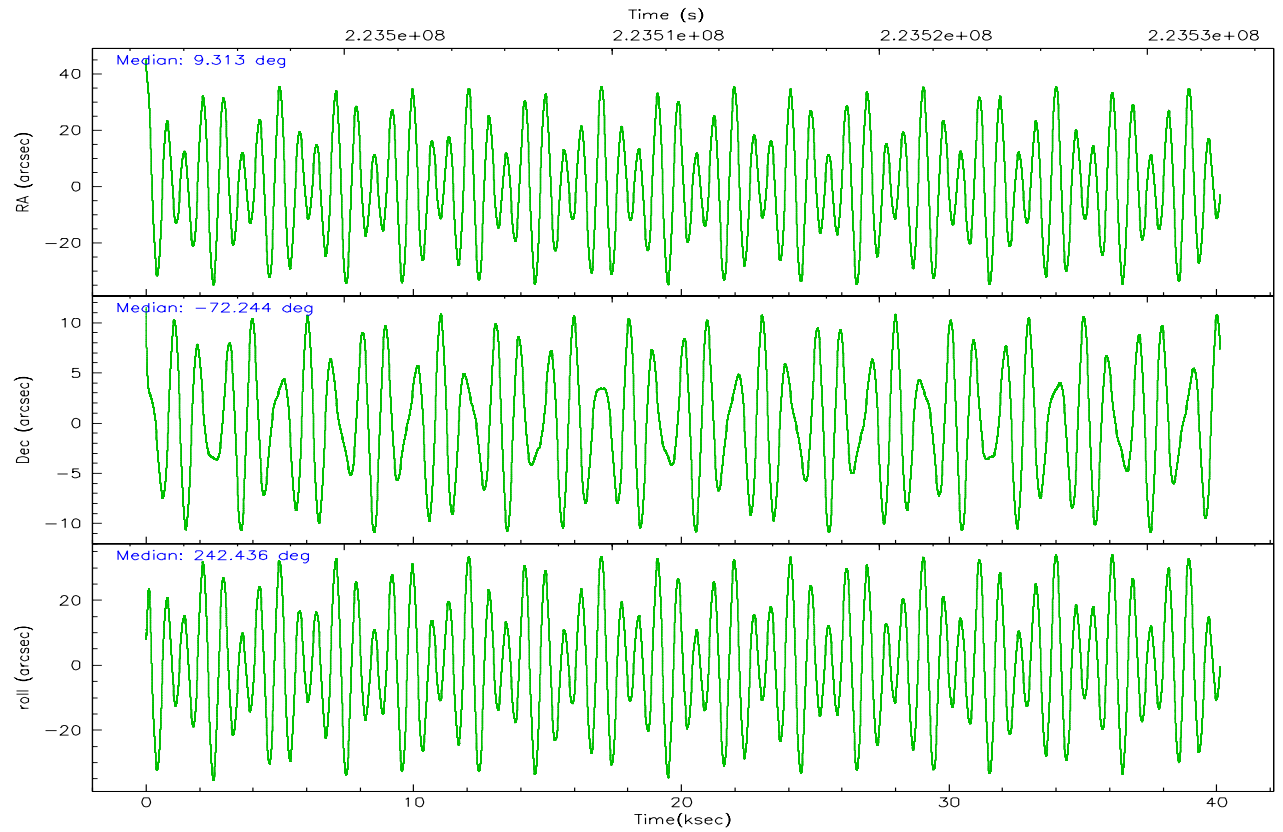
	ccd 7
grade 0 events	7010
	11%
grade 1 events	91
	0%
grade 2 events	6326
	10%
grade 3 events	2848
	4%
grade 4 events	2723
	4%
grade 5 events	4035
	6%
grade 6 events	11980
	19%
grade 7 events	27064
	43%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/8	1/8
Pointing RA	9.308129	9.313168335440663	Subarray start row	0	449
Pointing Dec	-72.217419	-72.24457560789148	Subarray row count	1024	128
Pointing Roll	242.277212	242.4386316864144	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.4
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	223492724.184000	223491441.2153			
Observation start date	2005-01-30T17:17:40	2005-01-30T16:57:21			
Observation end time	223532724.184000	223533644.05471			
Observation end date	2005-01-31T04:24:20	2005-01-31T04:40:44			
Read mode	TIMED	TIMED			

2.3 Aspect



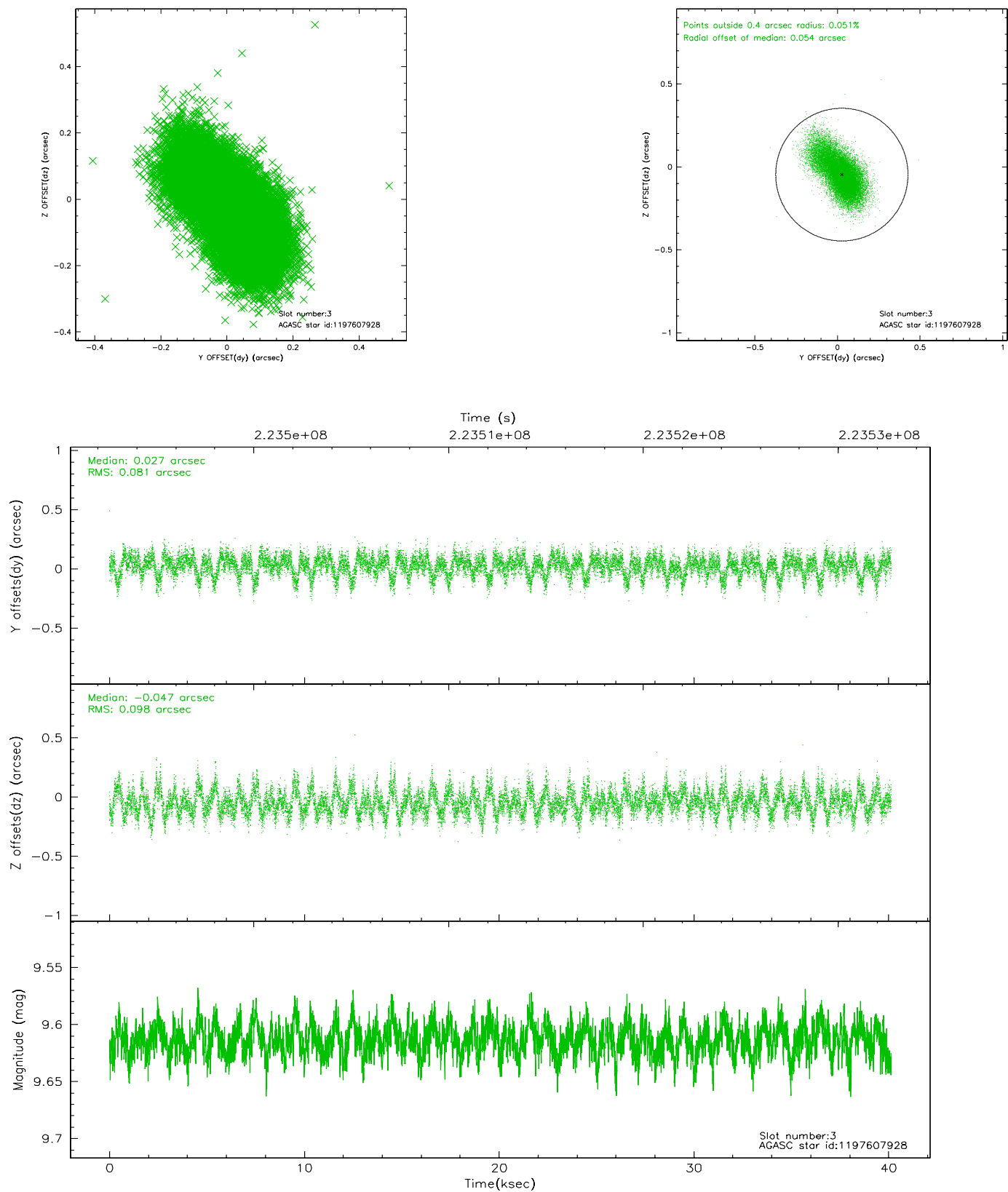


Slot Statistics

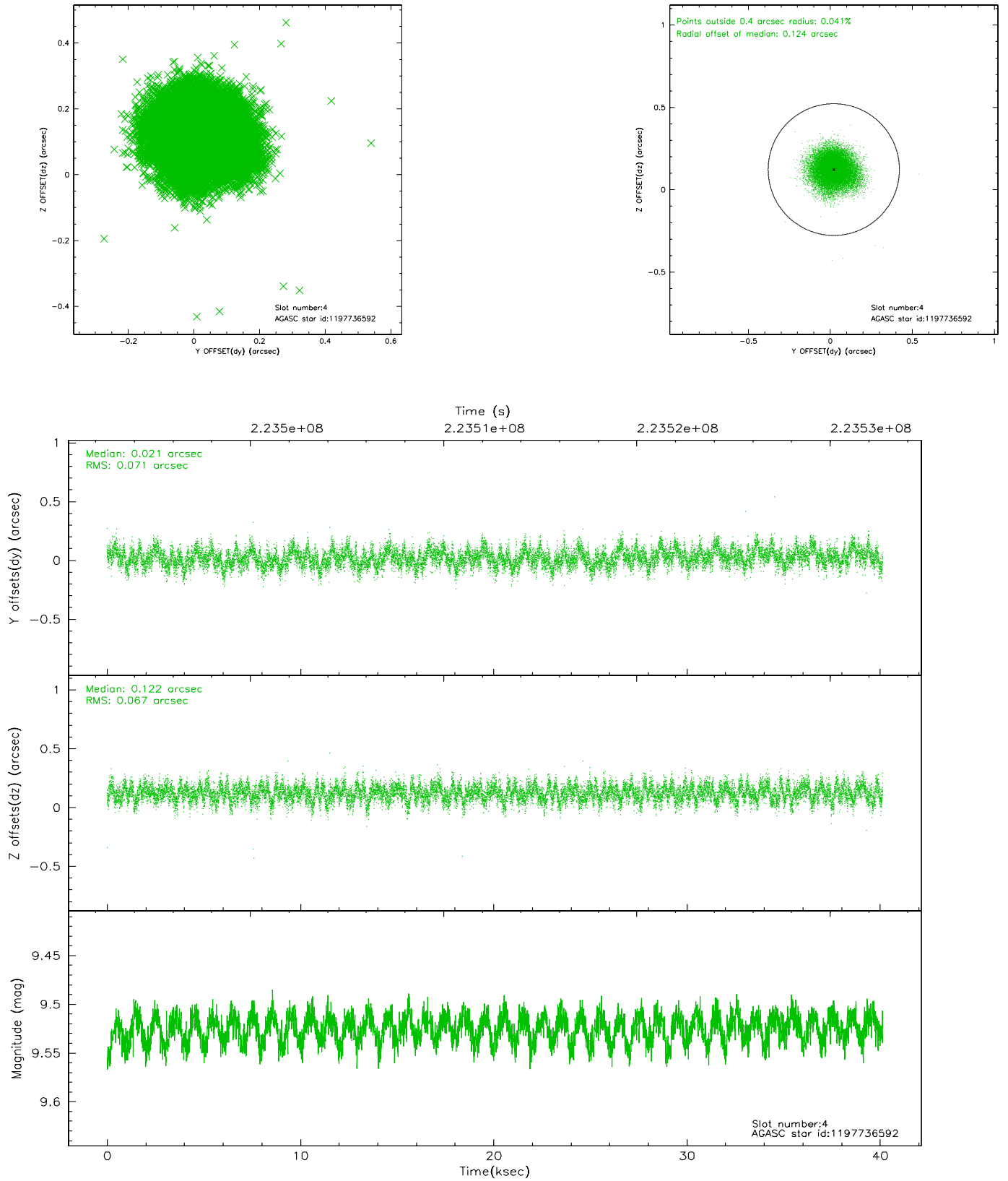
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	9790	-0.060	-0.015	0.021	0.028	0.000000	0.000000	-757.87	-1731.67
1	FID	ACIS-S-4	7.21	9790	0.094	0.034	0.032	0.046	0.000000	0.000000	2155.51	176.89
2	FID	ACIS-S-5	7.23	9788	-0.061	-0.012	0.026	0.035	0.000000	0.000000	-1810.72	170.47
3	GUIDE	1197607928	9.61	19548	0.027	-0.047	0.131	0.232	7.837743	-72.165759	607.44	-1511.94
4	GUIDE	1197736592	9.52	19561	0.021	0.122	0.105	0.167	9.930334	-71.623113	-2218.64	-368.33
5	GUIDE	1197739496	9.79	19568	0.101	-0.042	0.136	0.220	8.930155	-71.541204	-1952.98	-1513.04
6	GUIDE	1198135560	9.45	19564	0.029	-0.034	0.099	0.161	8.700395	-72.843436	2298.34	478.94
7	GUIDE	1198150512	8.39	19574	-0.165	-0.002	0.055	0.090	9.044301	-72.846944	2137.40	806.96

2.4 Star Slots

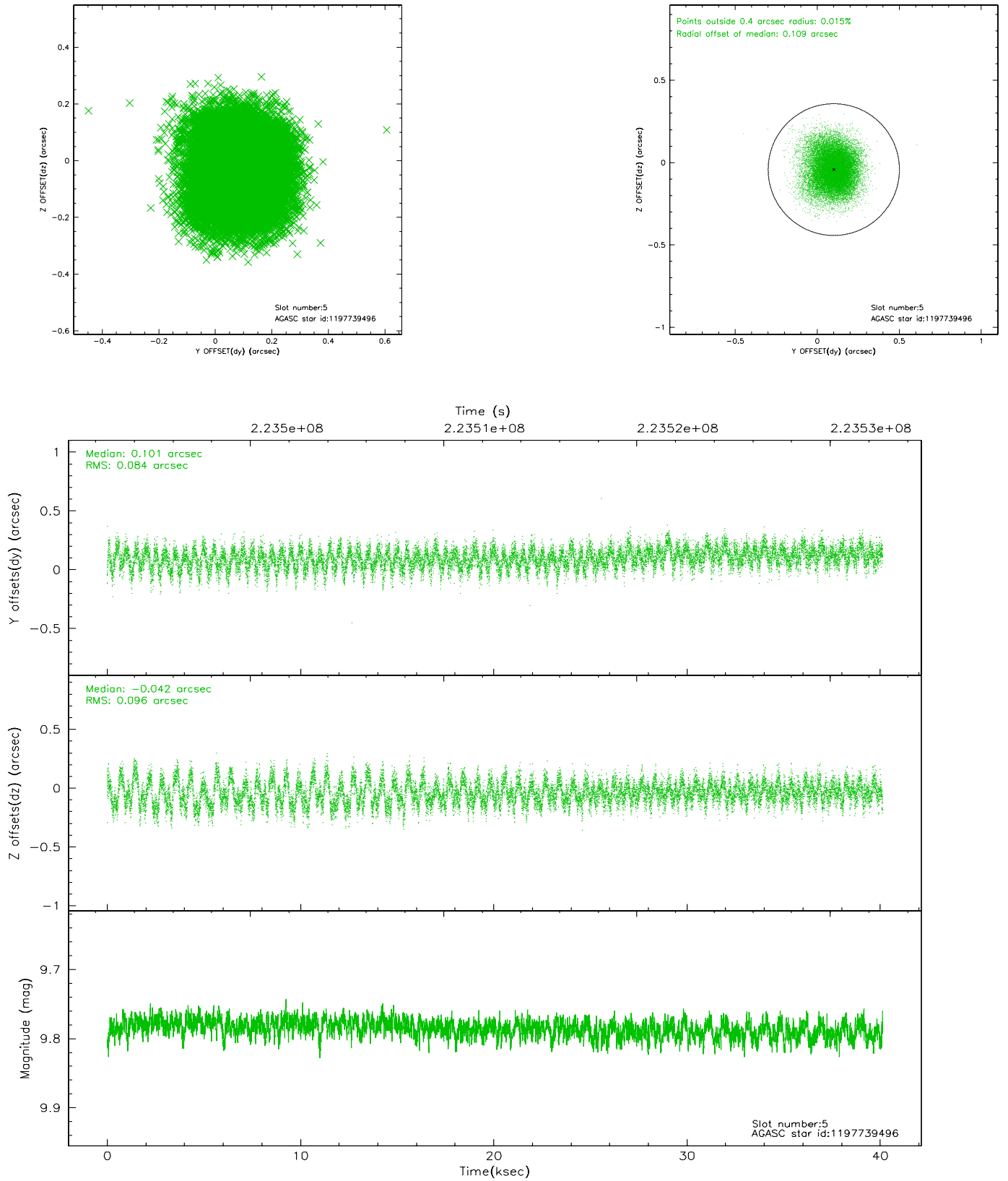
2.4.1 Slot 3



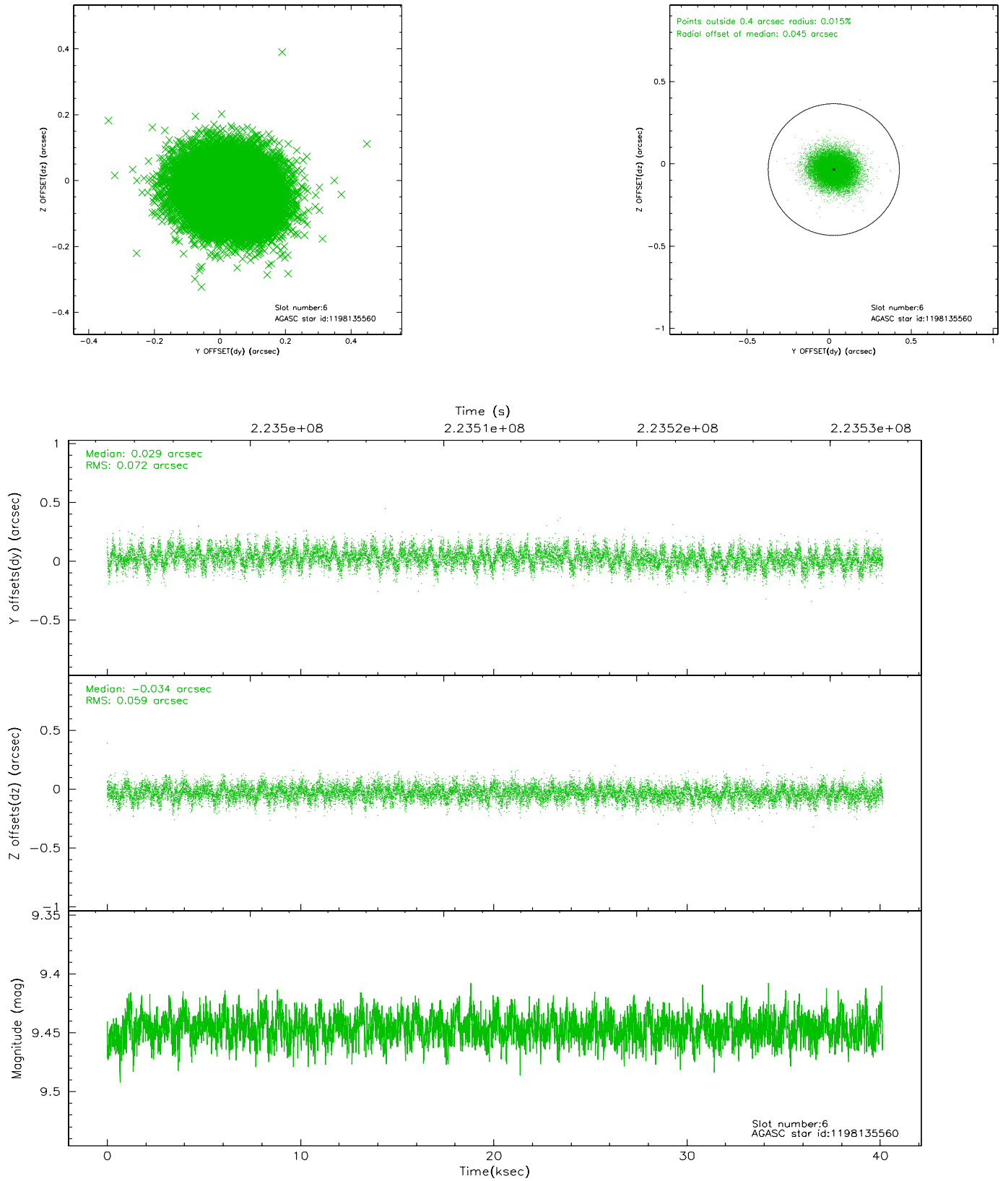
2.4.2 Slot 4



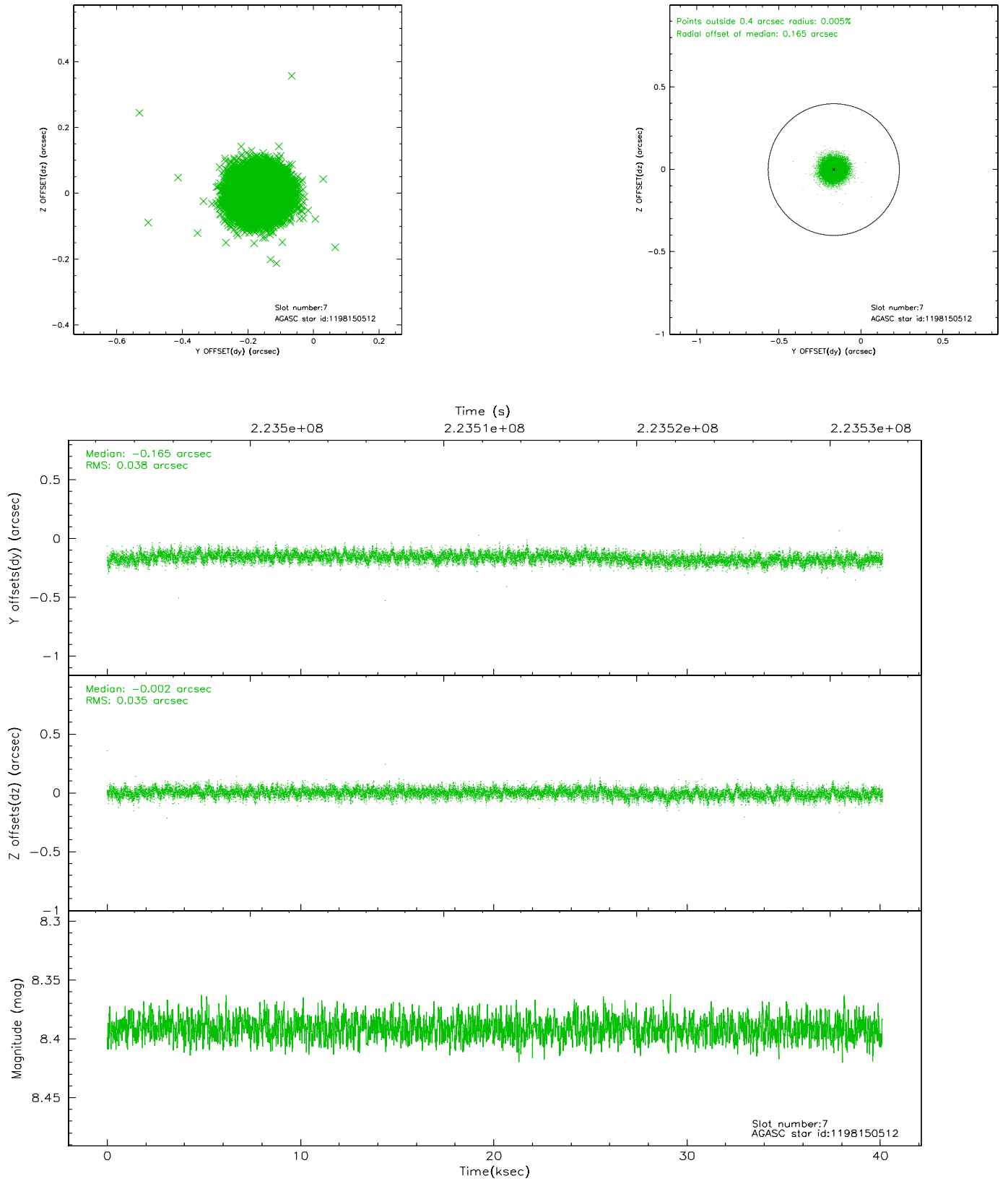
2.4.3 Slot 5



2.4.4 Slot 6

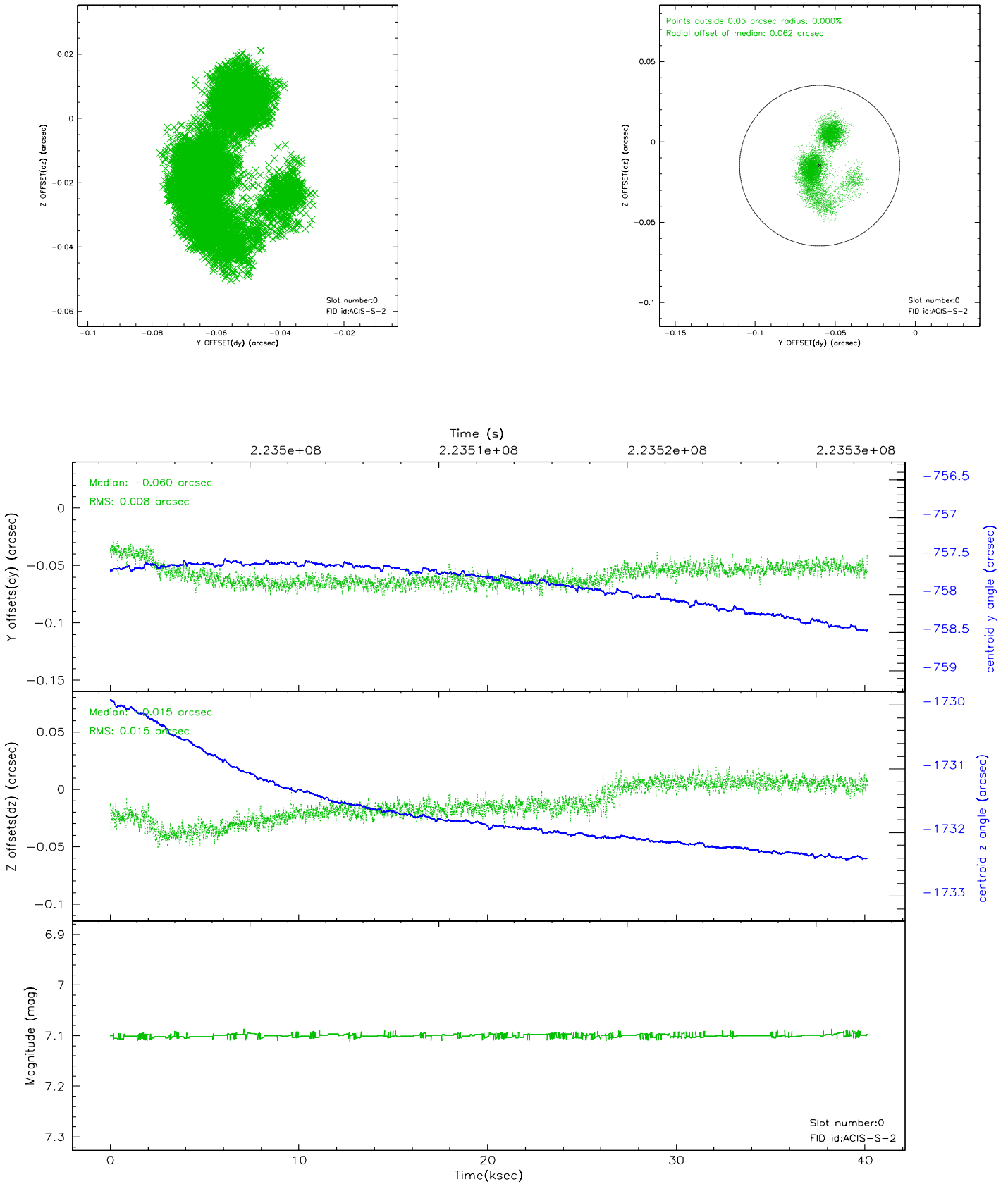


2.4.5 Slot 7

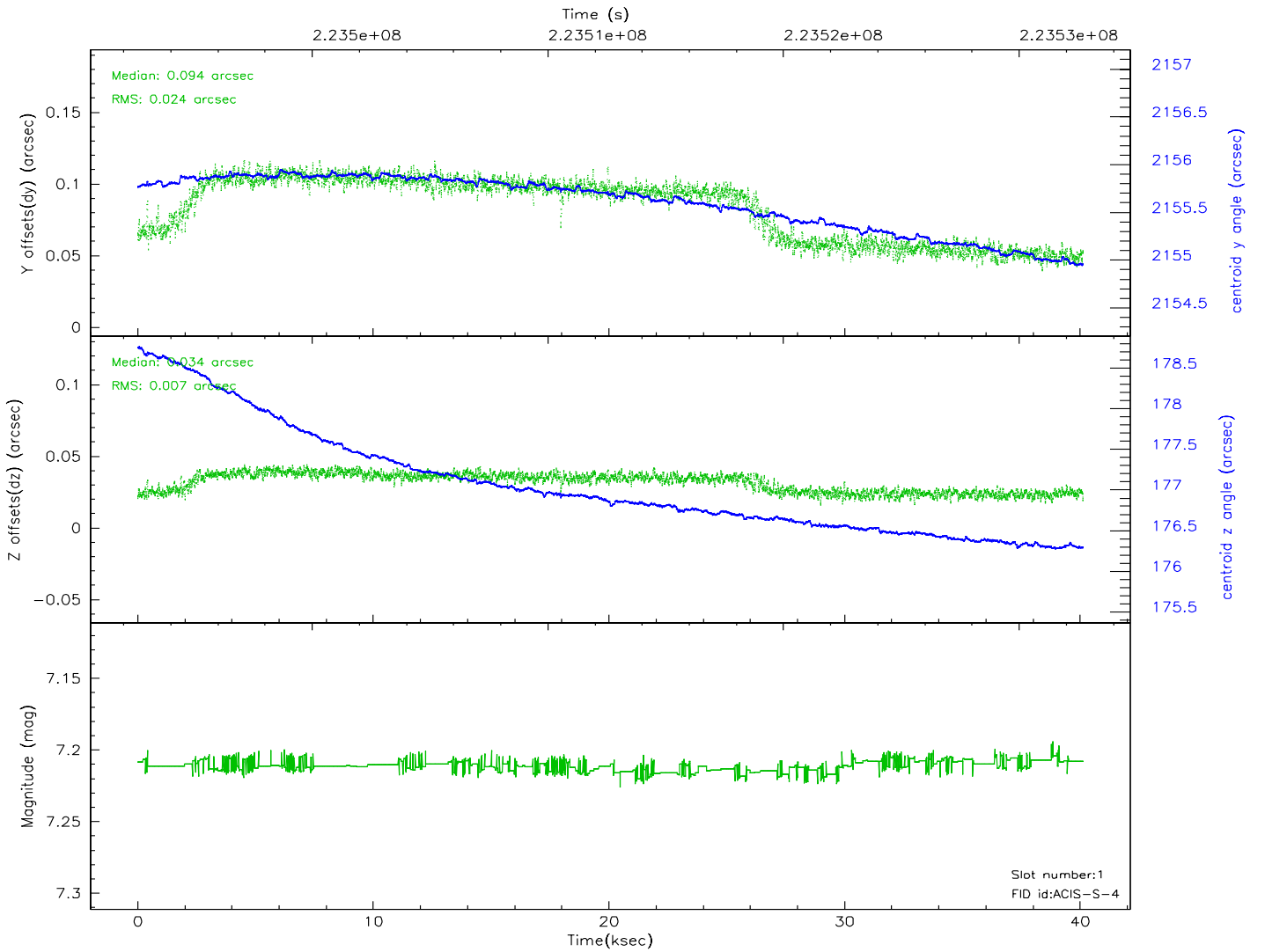
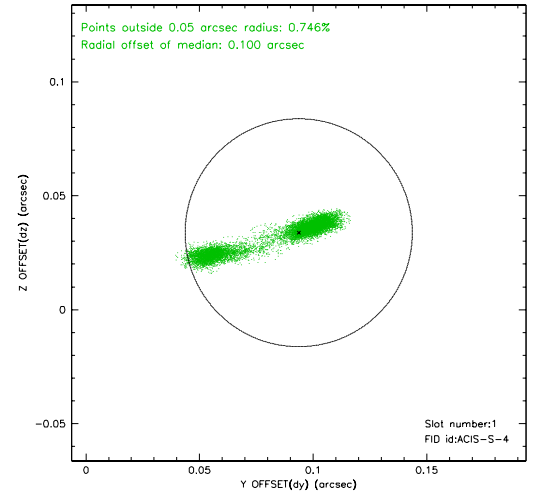
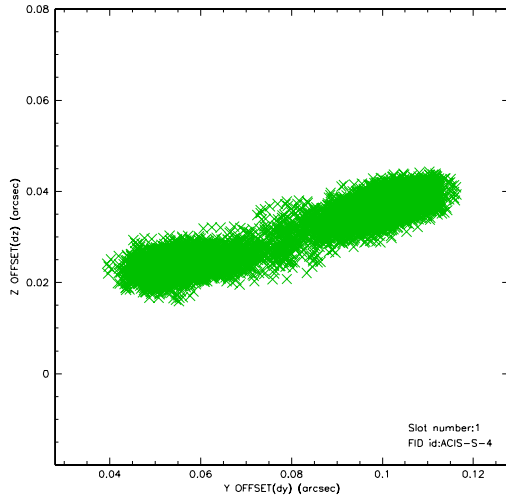


2.5 FID Slots

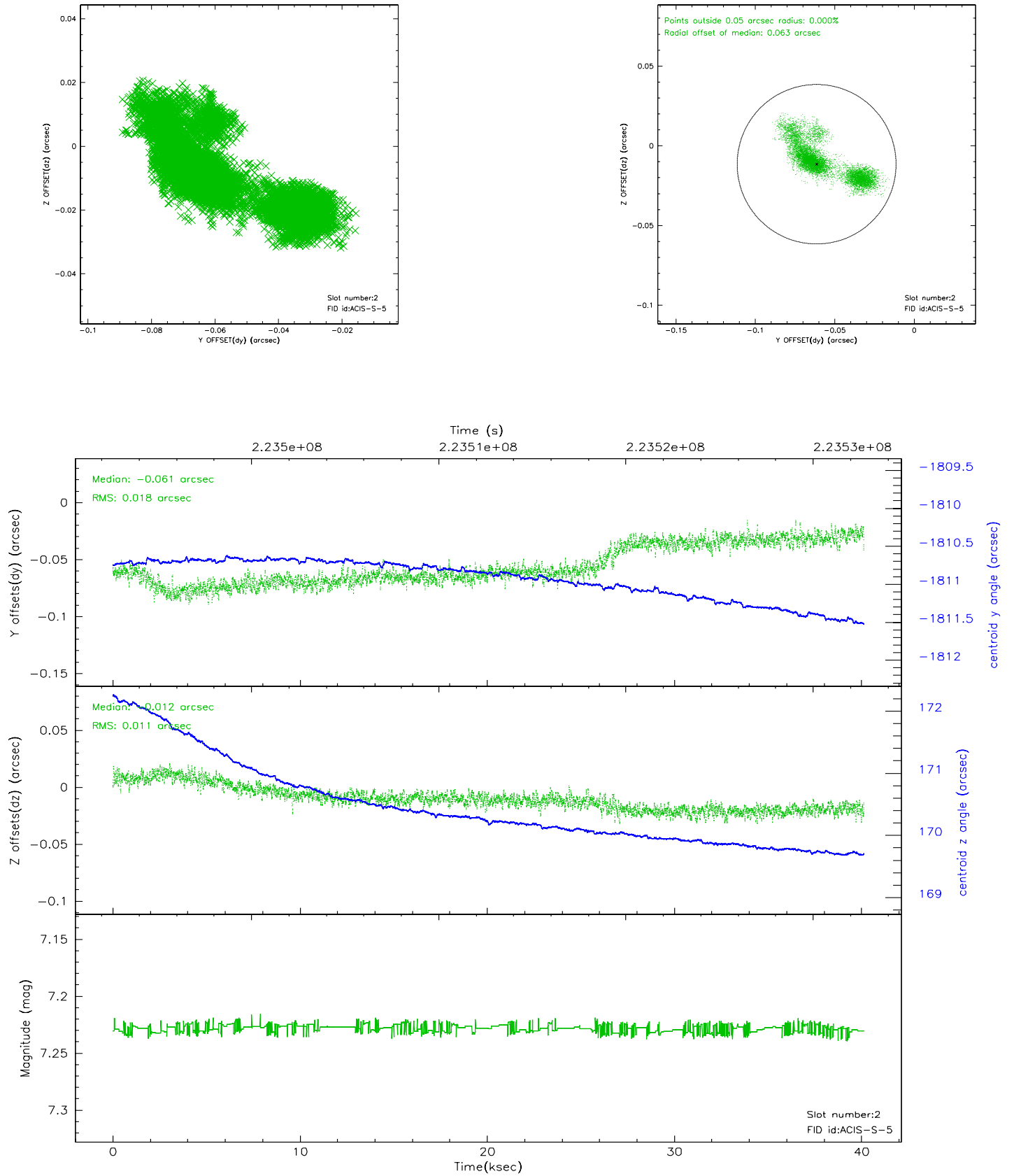
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

5.02 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.1356

A.2 Comments